

Operating Instructions *FISCHER AMPS ALC 41*

Congratulations on purchasing your new ALC41 globe.

The ALC24 globe is a microprocessor controlled intelligent plug-in charger with metal styling for 1-4 NiCd or NiMH rechargeable batteries in sizes Micro AAA and Mignon AA. With a wide-range input voltage, changeable primary plug system and 12V DC car adaptor it is a perfect charger for home, car and worldwide mobile use.

Features

- For charging 1-4 rechargeable batteries in sizes Micro AAA or Mignon AA
- For charging NiCD / NiMH cells
- Microprocessor controlled charging with individual supervision of inserted cells
- Automatic battery full detection guarantees perfect cell performance
- Alkaline insertion error detection
- Faulty cell detection
- Temperature control
- Safety timer
- four way overcharging protection
- "Top-off" charging for best cell performance
- Trickle charge
- 100-240 V power supply and changeable primary plug system for worldwide use
- 12V DC car adaptor for mobile use in a car, caravan etc.

Safety instructions

- **Please read these operating instructions carefully before use**
- Keep the charger away from damp or wet (dry location use only)
- In order to avoid the risk of fire and/or electric shock, the charger must be protected against high humidity and water
- This power unit is intended to be correctly oriented in vertical or floor mount position
- Do not plug in the charger if there are any signs of damage to the housing, AC adaptor or DC connector. In the case of a defect, please return to an authorized service centre
- Keep out of reach of children
- Do not operate the device without adult supervision
- Do not attempt to open or disassemble the charger or the batteries
- Disconnect the device from the power outlet after use
- To clean the charger, please disconnect it from the power outlet and use a dry cloth only

If the safety instructions are not followed, this may cause damage to the device or serious injury to the user

Indicators

In the lower part of the charging slots you can find the indicators. Each indicator corresponds to an individual charging slot

LED is blinking green slowly (2 sec on / 2 sec off) : fast charging

LED is constant green: ready /trickle charge (top-off charge)

LED is blinking green fast (1 sec on / 1 sec off): faulty cell

Attention

Use only with NiCd or NiMH cells. Non rechargeable batteries or other types (Alkalines etc.) could cause an explosion!

Operation

1a. Using the charger in a mains power outlet:

The charger is constructed for worldwide use. Before use, please fit the right primary adaptor into the charger (see drawing 1). Please pay attention that the adaptor plug clicks audibly into the housing. To release the adaptor please push the release button (2) marked with "PRESS"

1b. Using the charger in a vehicle:

Connect the DC output plug of the 12V car cigarette lighter adaptor (3) to the DC input socket of the charger (4). Connect the input plug of the DC adaptor (5) to the vehicle cigarette lighter socket (12V DC). Ensure that the supply to the cigarette lighter socket is on. Some cars require the ignition to be switched on.

2. Charging: The charging starts as soon as 1 or more rechargeable batteries are inserted into the charging slots.

For perfect performance we recommend to insert the rechargeable batteries beginning from charging slot 1.

It is quite normal that the rechargeable cells may become warm during charging. The cells do not have to be inserted simultaneously as the charging processes are independent from each other. When charging is finished, the cells are provided with "Top-off" Charge and trickle charging, so that the cells can remain in the charger until ready for use.

Environment:

Rechargeable batteries are not to be disposed of in domestic waste. Used batteries should be turned into a battery recycling collection depot. Check with your local municipal office.

Maintenance and cleaning:

To clean the charger, disconnect it from the power adaptor. To ensure correct function of the charger keep the charging contacts free from dust and dirt. Please only use a dry cloth.

Technical data:

PRI: 100-240 V AC 50-60 Hz

SEC: 800 mA / 400 mA (AA / AAA)